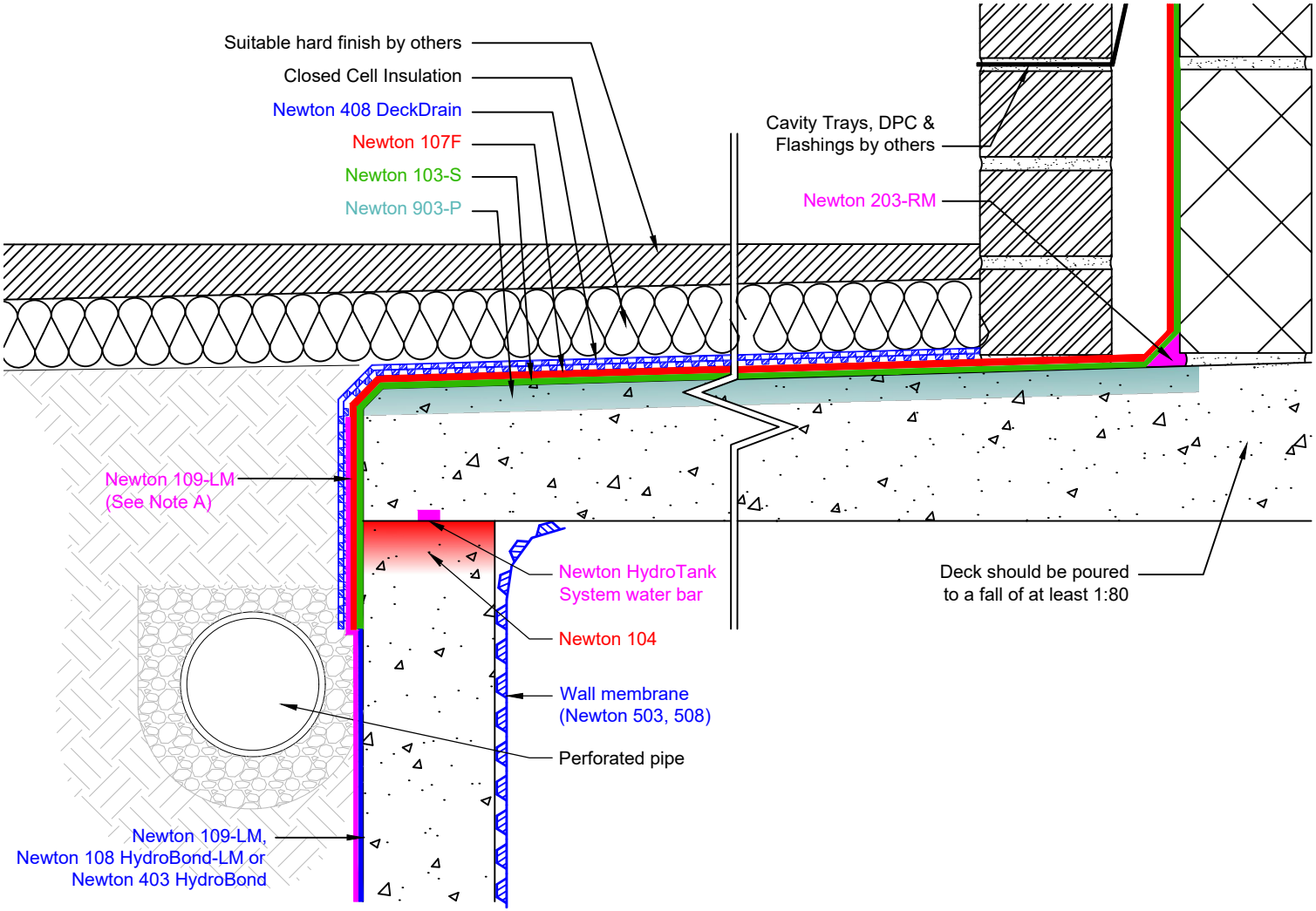
DO NOT SCALE

Section



Notes

This drawing shows an Inverted Warm Roof specification where Newton 103-S and 107F are providing the primary waterproofing to a reinforced concrete deck.

The reinforced concrete deck must be designed and installed to BS EN 1992-3 (Eurocode 2) with Newton HydroTank System water bars where possible in all construction joints.

Formwork must be struck after 28 days for full concrete strength. No more than engineer designed loads to be applied during construction phase, i.e. no storage.

The deck should be engineer designed to provide adequate rainwater disposal to suitable drainage outlets.

Newton 103-S is a two component, thixotropic, cementitious modified polymer waterproofing slurry.

Newton 107F is a highly flexible cement based waterproofing slurry.

Newton 903-P is a modified styrene/acrylic copolymer primer for concrete applied prior to the installation of the Newton 103-S to minimise the risk of out-gassing and to increase bond.

Newton 408 DeckDrain ensures that water is drained away from the structure before water pressure can develop, and acts as a further barrier to the external junction of deck slab and supporting wall.

A) Kiln dried sand to be broadcast in to 0.5mm third coat of Newton 107F to provide mechanical key for Newton 109-LM.

A coating of Newton 104 isolates the deck/soffit from moisture within the retaining wall.

To access further details and relevant technical information please call our Technical Team on 01732 360095 or refer to our website.

Newton DeckFlex System

Deck Waterproofing - Inverted Warm Roof - 103-S - 107F - 903-P - 203-RM - 408 DeckDrain - 104 - System 500

NEWTON WATERPROOFING

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Scale	Drawing Reference	Original Reference	Drawing Revision
Not to scale	DW-IW-09		b
Date	**Designed by**	**Drawn by**	**Checked by**
29/06/2020	RC	AJG	RC